Automatic Lifting Rotary Evaporator LX1003ARE

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Description

Automatic Lifting Rotary Evaporator LX1003ARE is an advanced rotary evaporator equipped with an automatic motorized lift and an intuitive LCD display for clear visualization and precise control of the evaporation process. It offers a wide rotation speed range of 5 - 120 rpm and a heating temperature up to 250 °C, ensuring efficient and safe solvent removal in chemical, pharmaceutical, and research applications.

Specifications

Rotary bottle volume	50 L
Receiving bottle volume	20 L
Rotational speed	5 - 120 rpm
Evaporation capacity	Water ≥ 8.1 H/L, Ethanol ≥ 19 H/L
Vacuum degree	399.9 Pa
Motor power	100 W
Heating temperature	RT- 250 °C
Heating power	8 KW
Movements Itinerary	0 - 180 mm
Lifting power	60 W
Power supply	220 V / 50 Hz ± 10 %, 110 V / 60 Hz
External dimension	1320 x 770 x 2340 mm
Packing dimension	1430 x 630 x 1220 mm
Gross weight	155 Kg

Features

- Built with high-quality stainless steel frame
- Includes 20 L receiving flask with 60 mm diameter flange
- Evaporation rates: Water ≥8.1 L/h, Ethanol ≥19 L/h
- LCD display for temperature, rotation speed, and bath height monitoring
- Equipped with 100 W motor with adjustable rotation speed from 5 to 120 rpm

- Chemically resistant PTFE valve on connection bottle
- Water/oil bath with Teflon coating

Applications

- It is widely used for efficient evaporation, distillation, and solvent recovery in chemical, pharmaceutical, and research laboratories.

Optional Accessories

- Chiller
- Vacuum pump

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